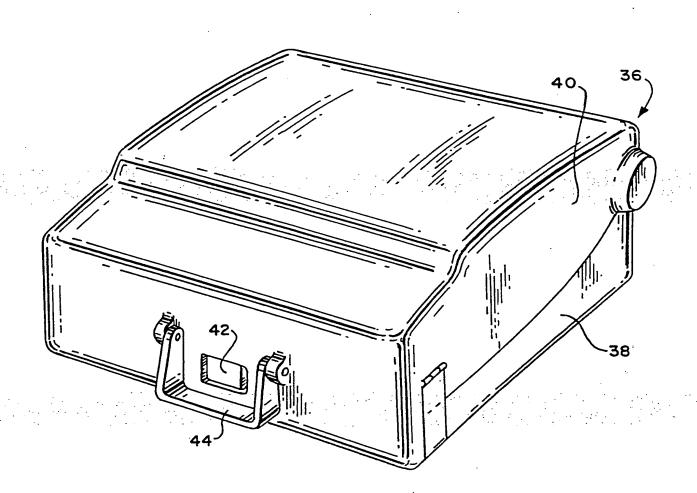
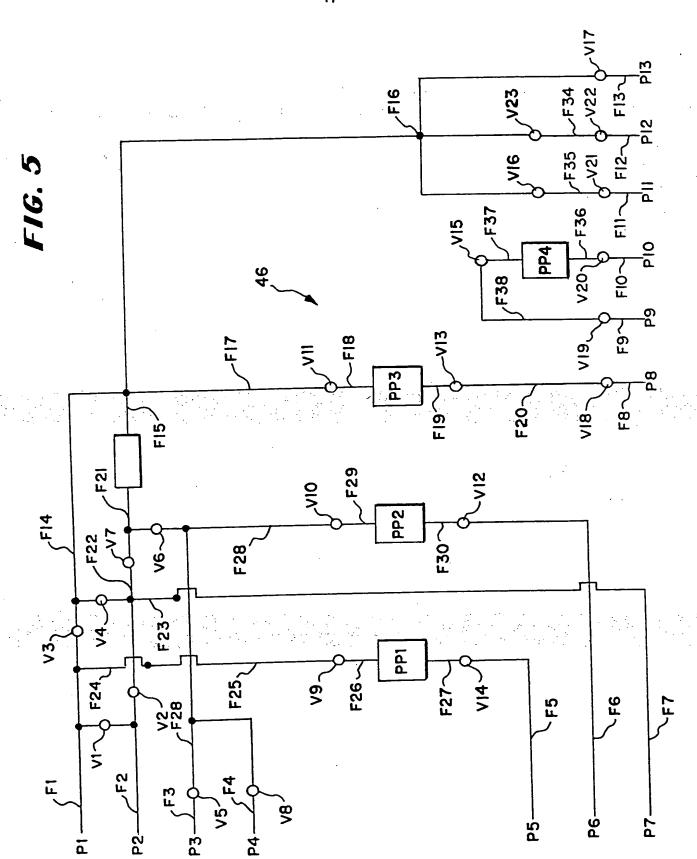
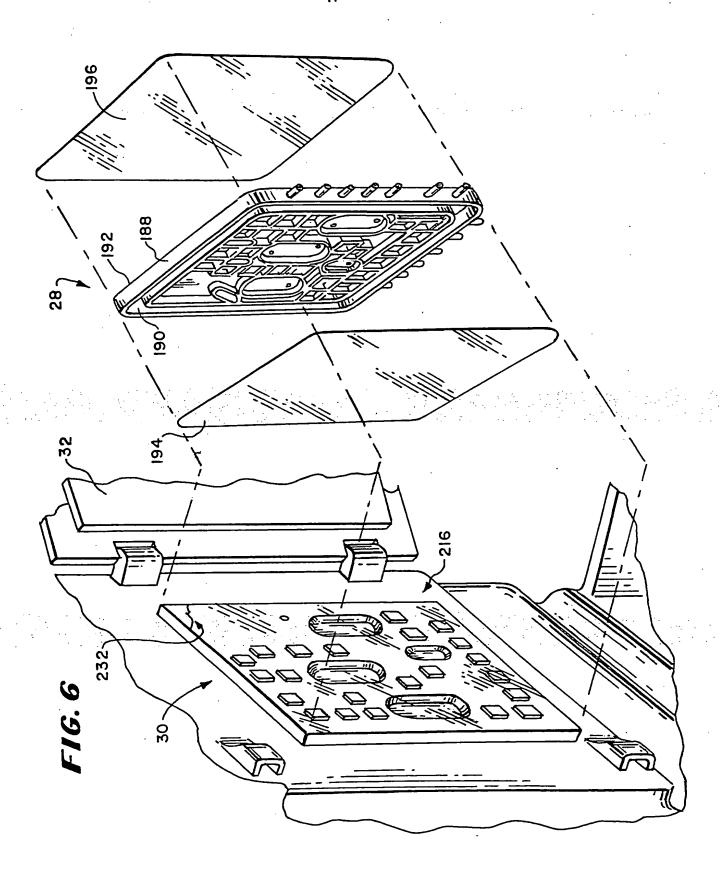
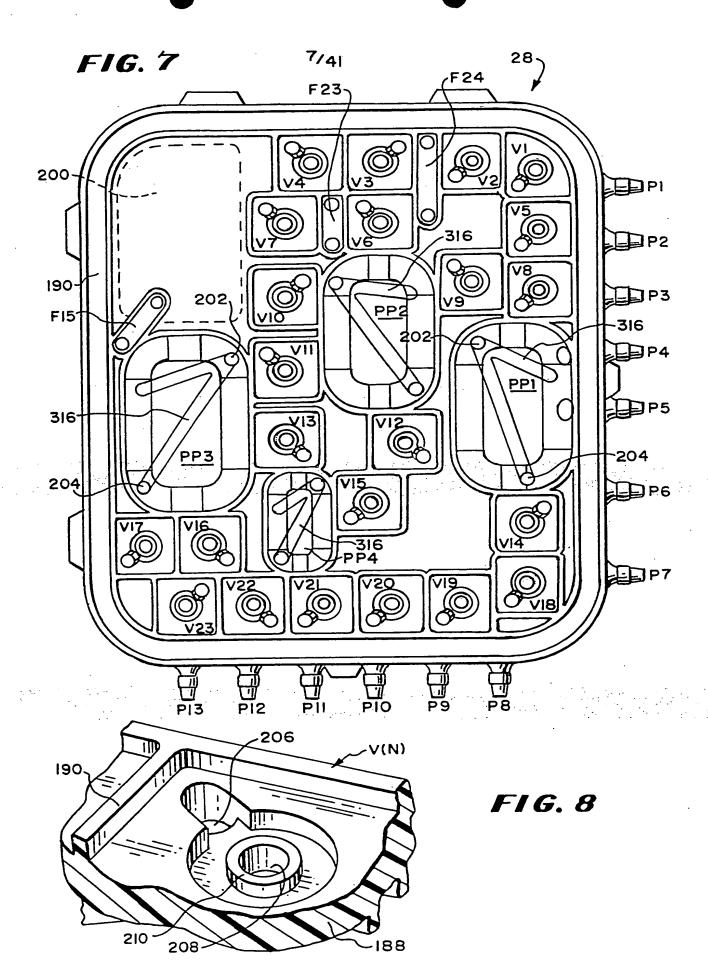


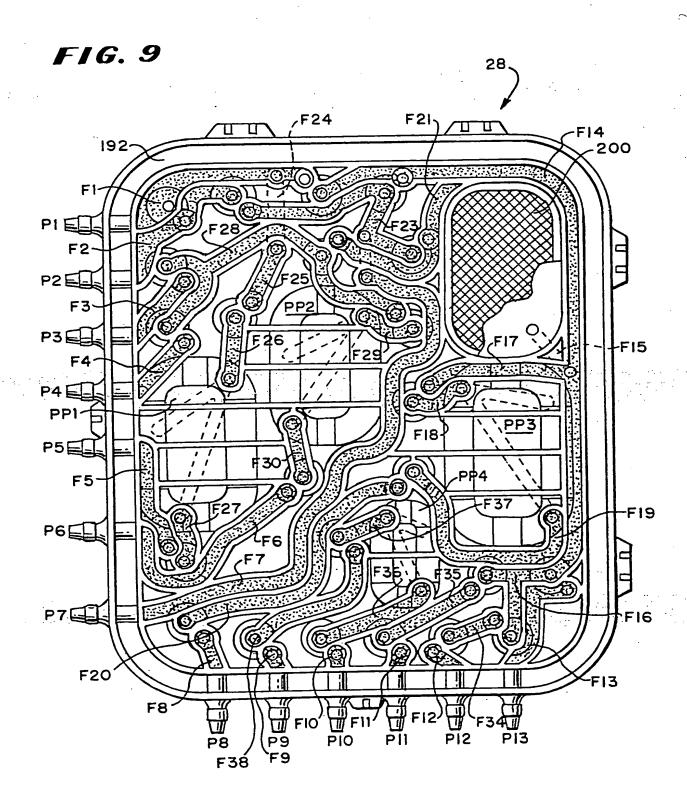
FIG. 4











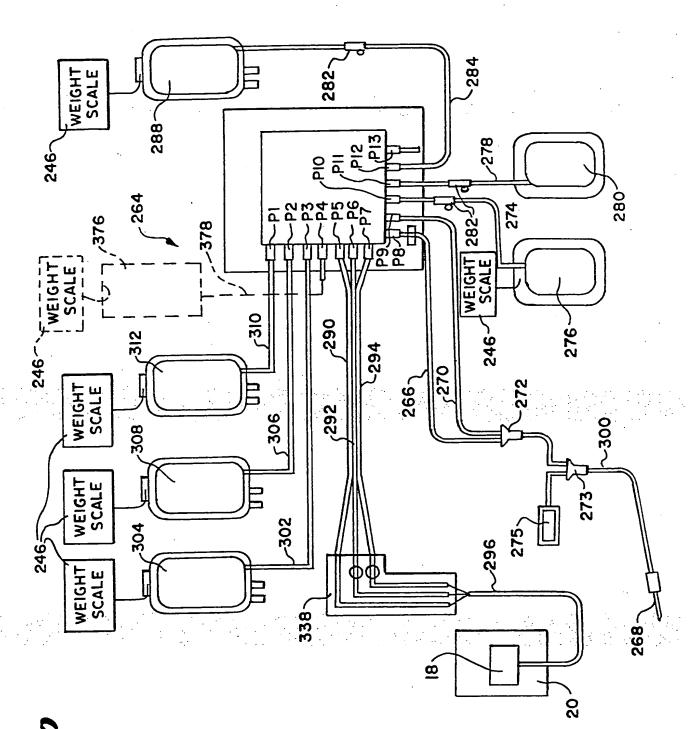
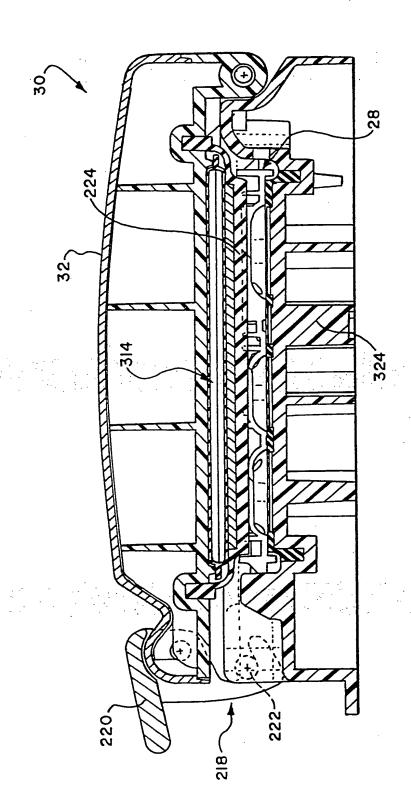


FIG. 10



F16. 1

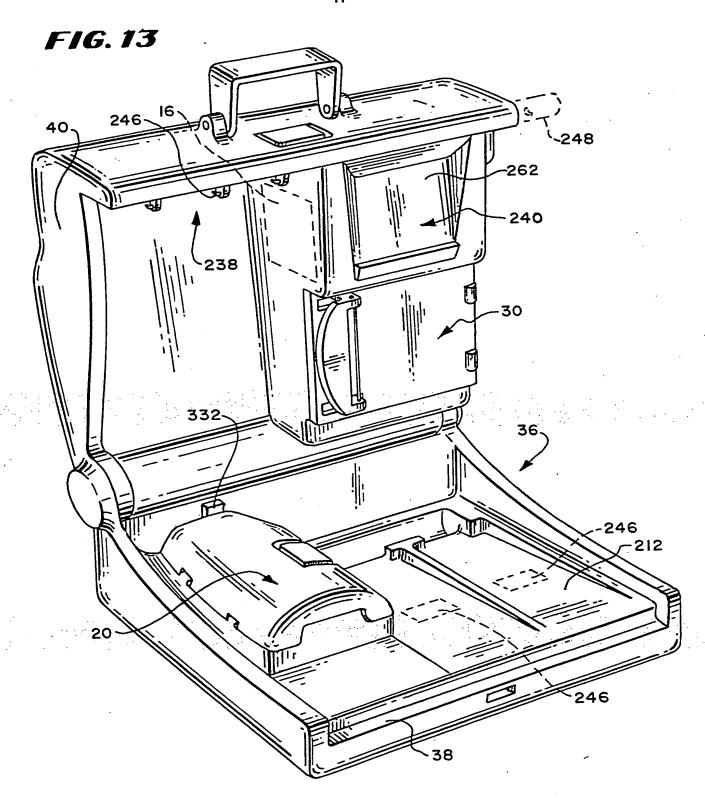
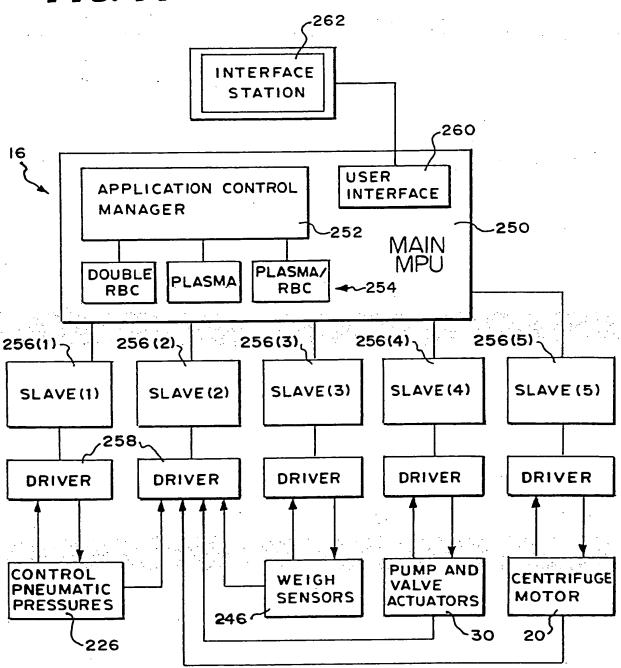
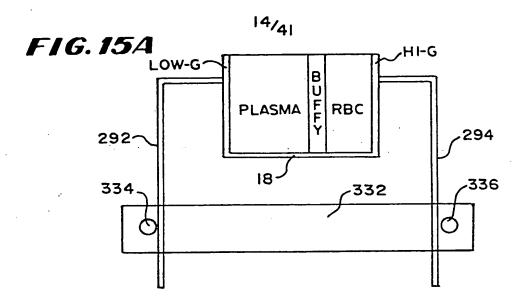
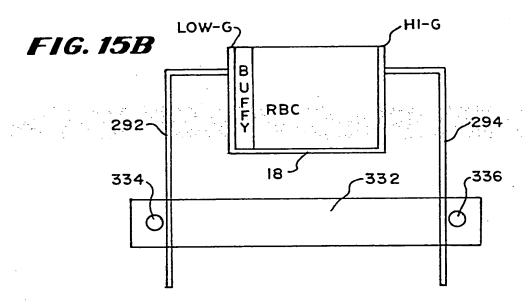
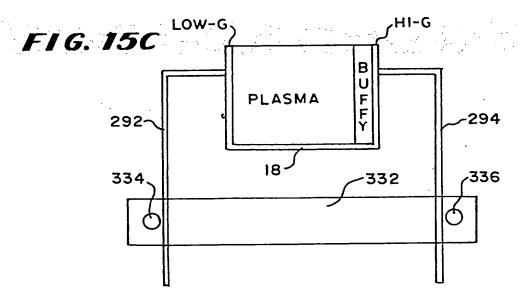


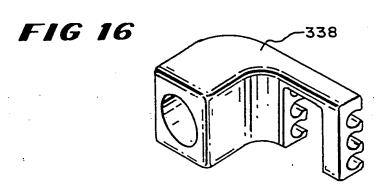
FIG. 14

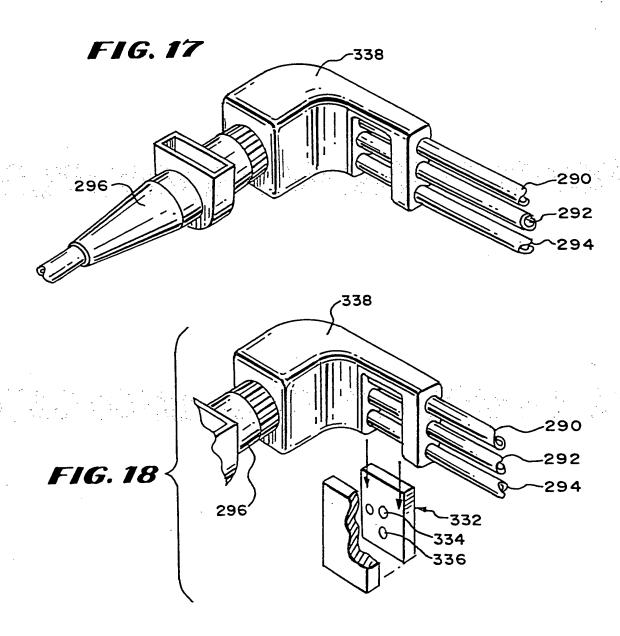


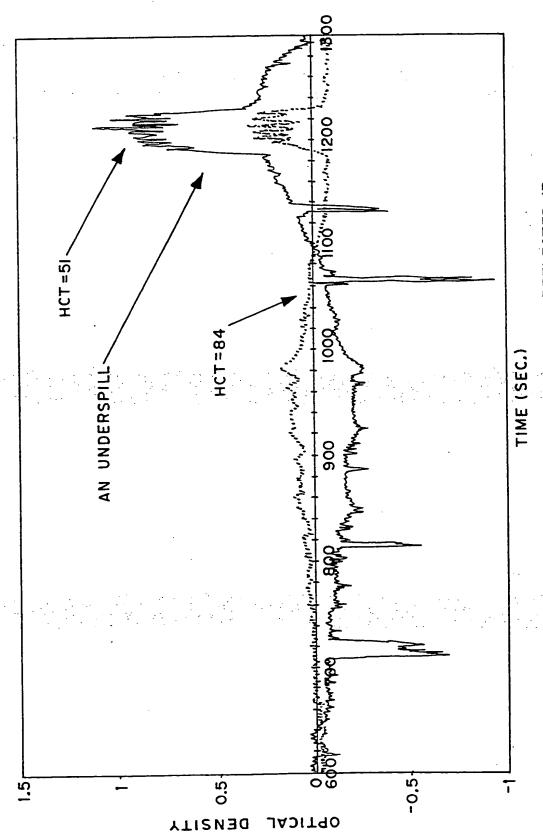




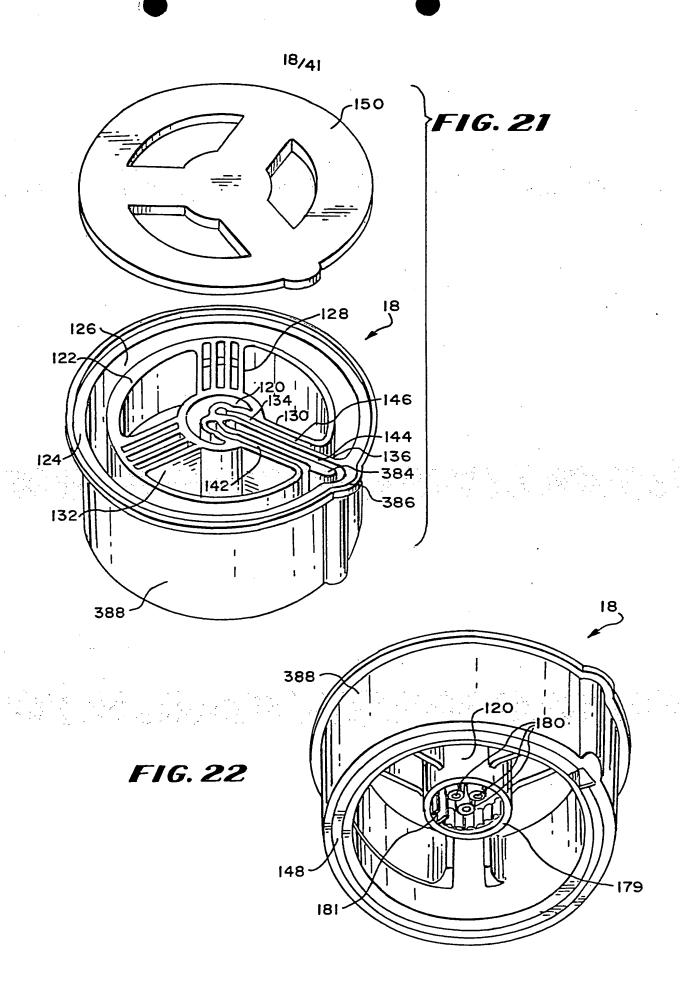


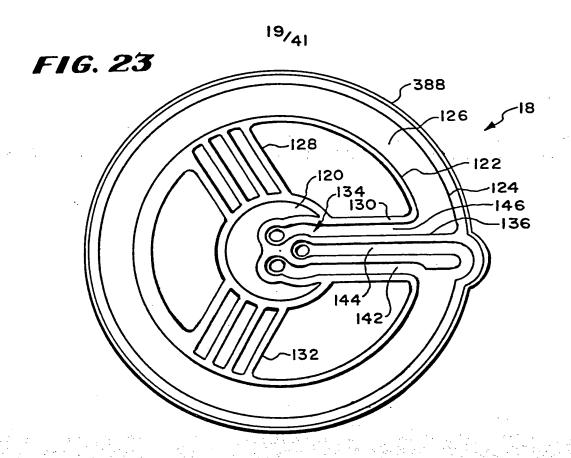






.....TRANSMITTED IR -----REFLECTED IR





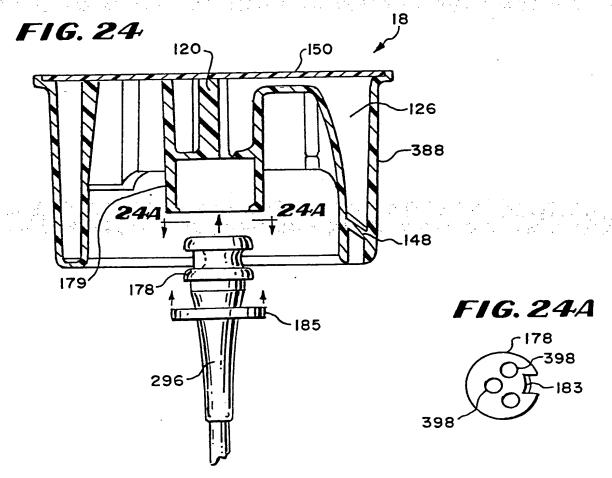
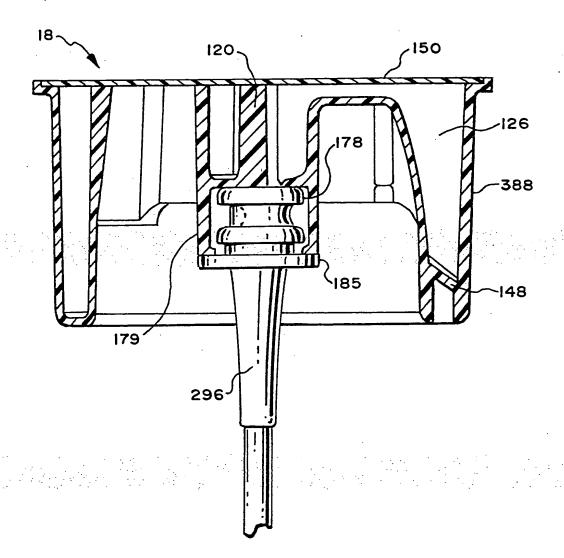
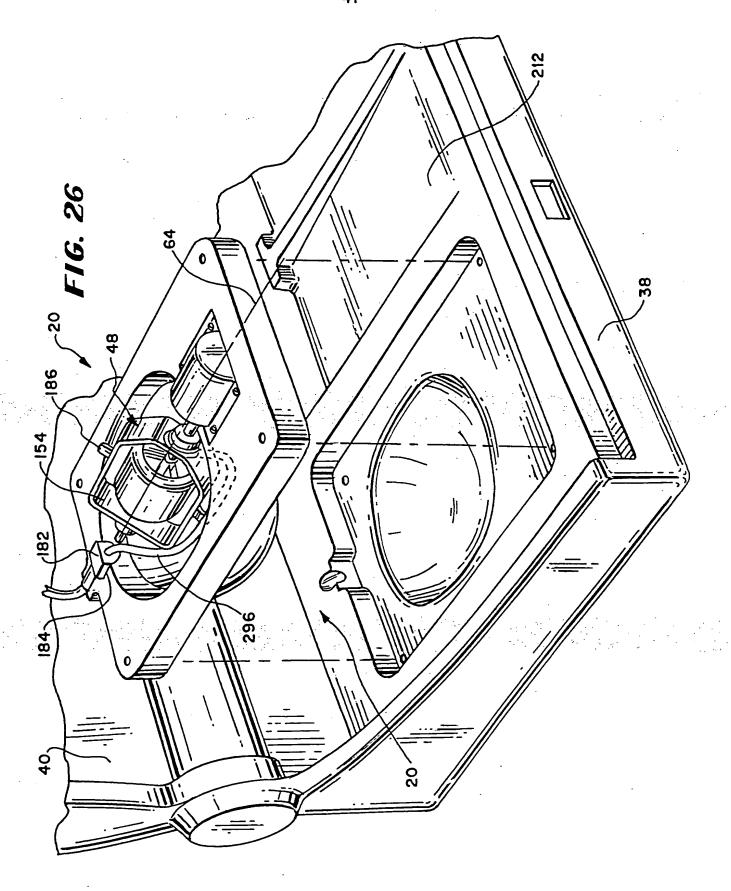
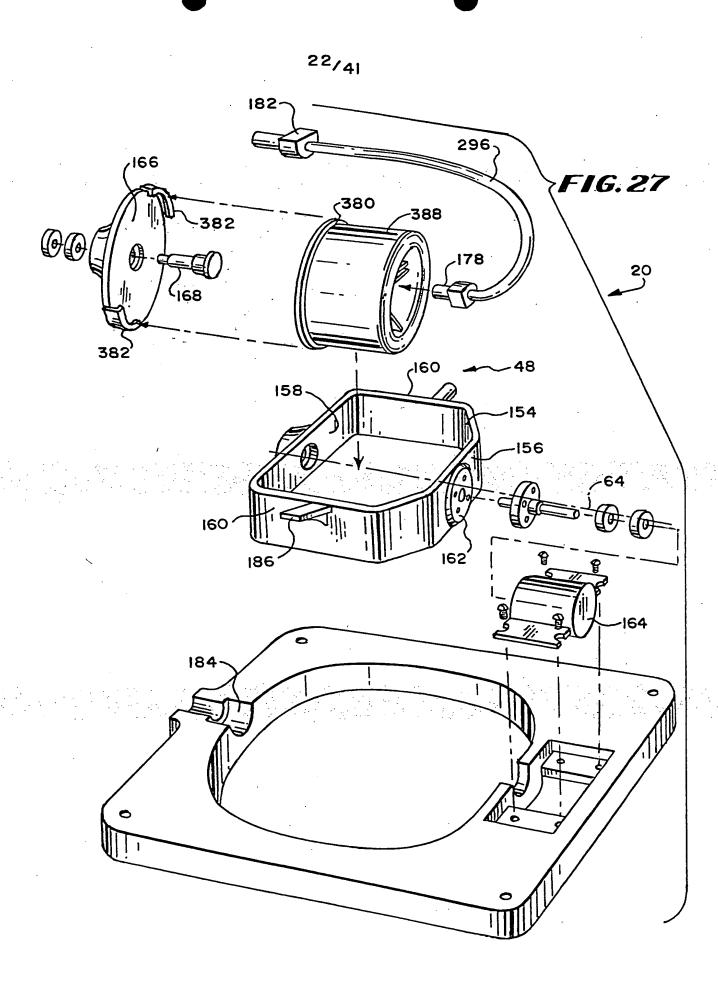
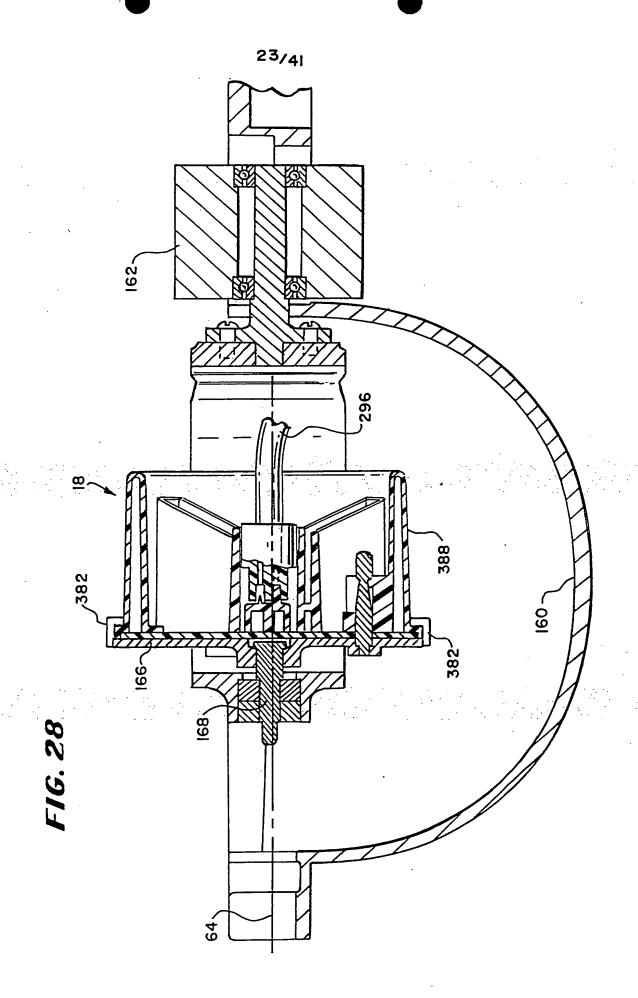


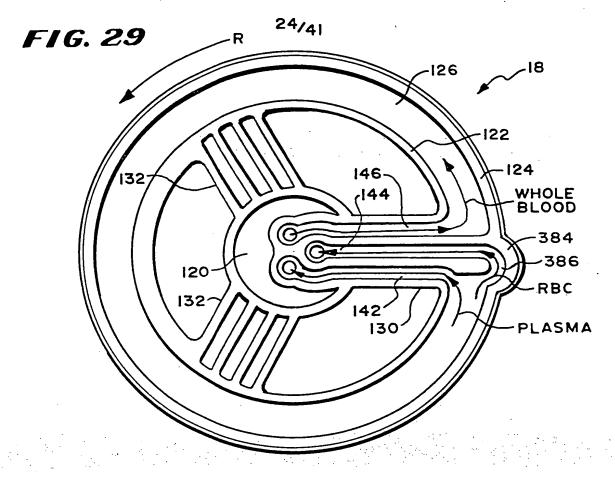
FIG. 25

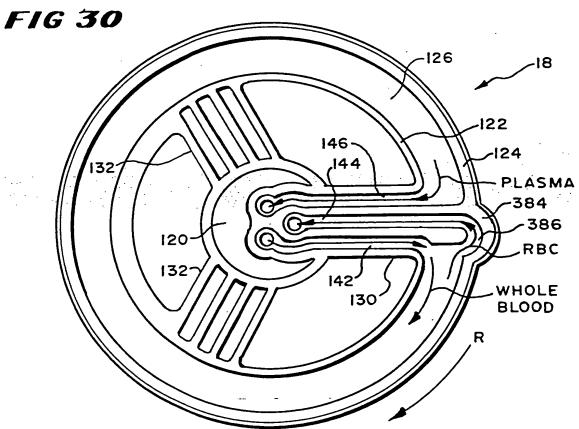












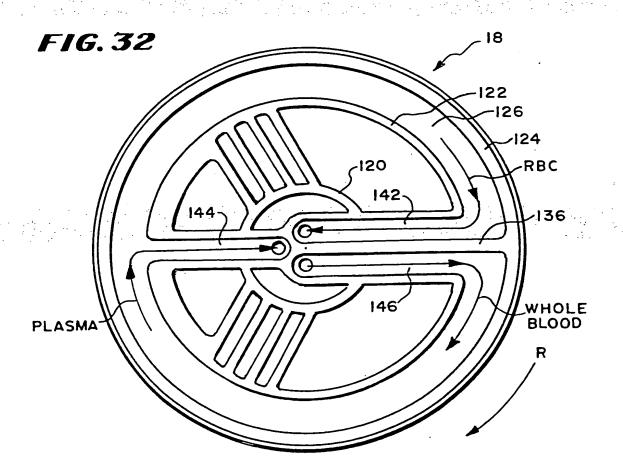
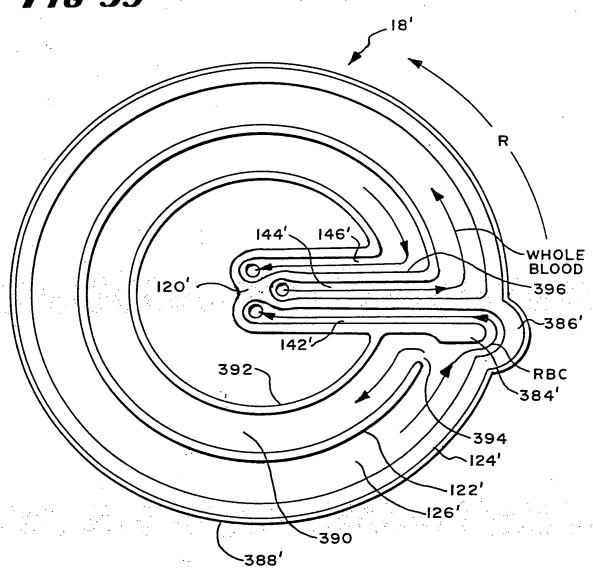
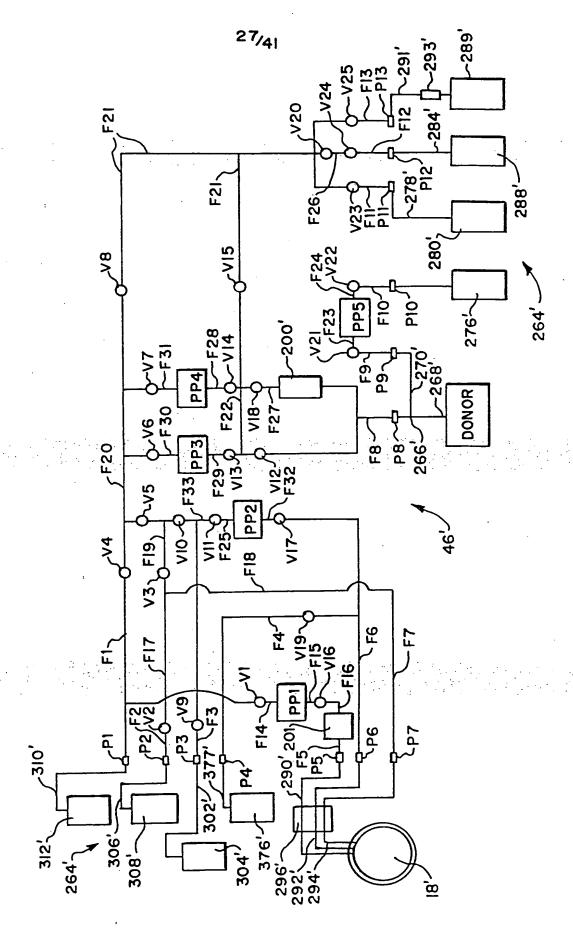
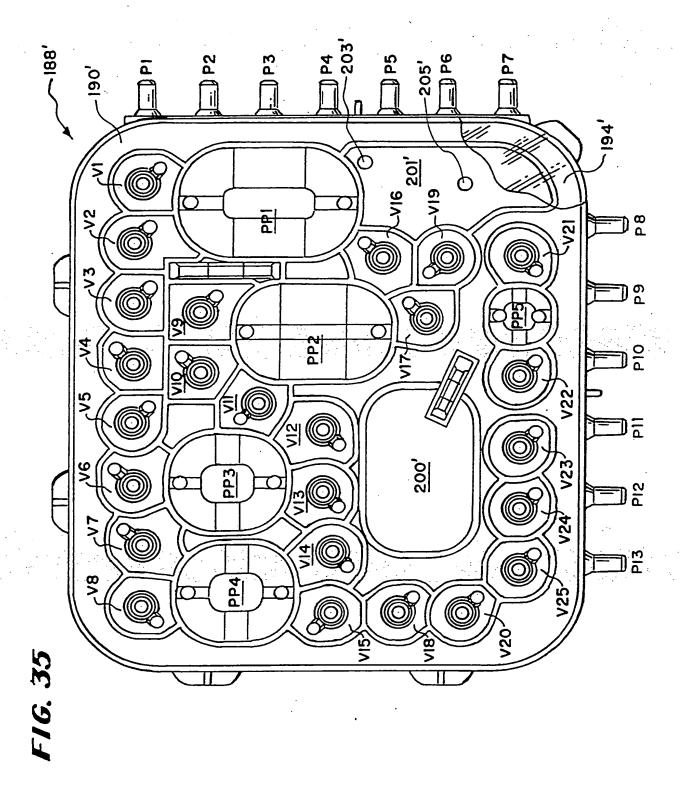
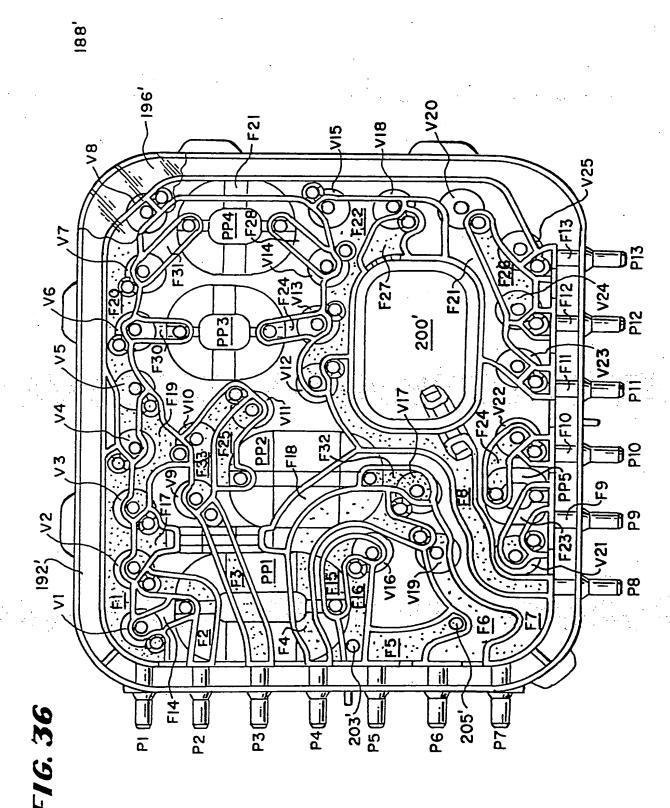


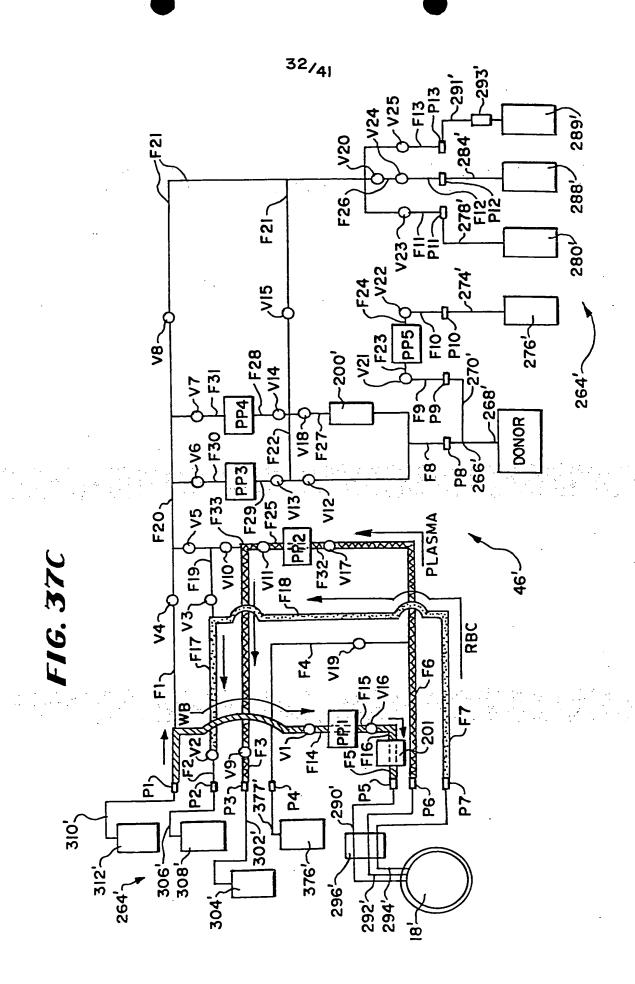
FIG 33

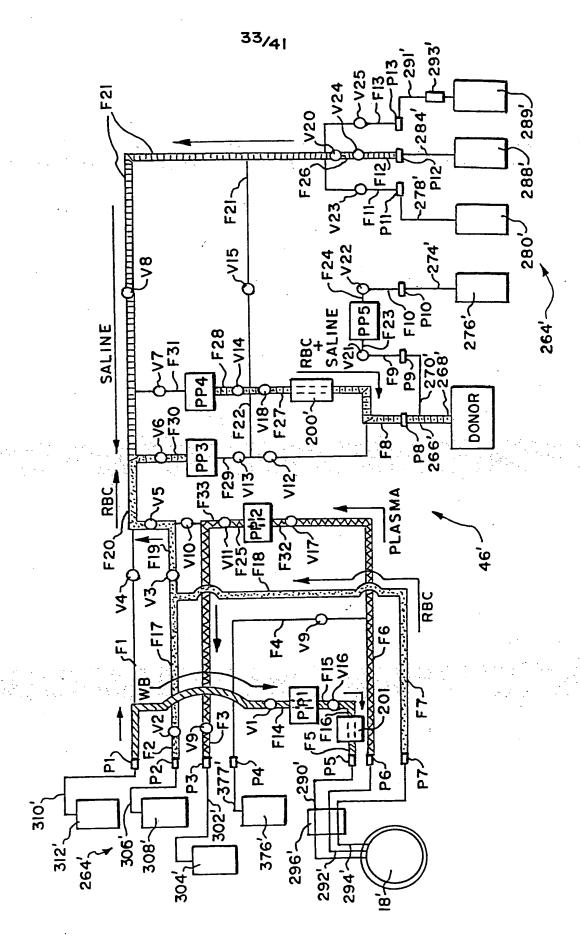


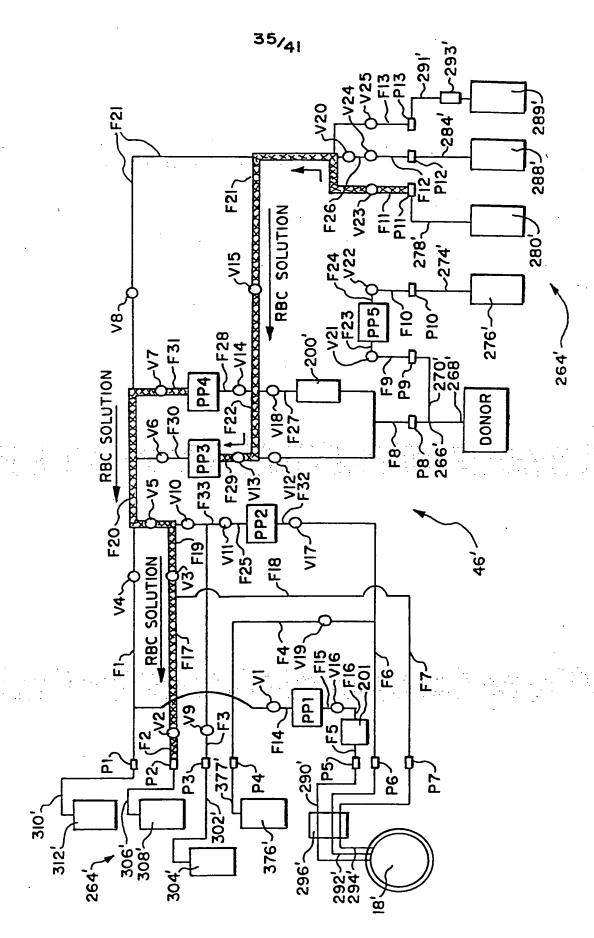


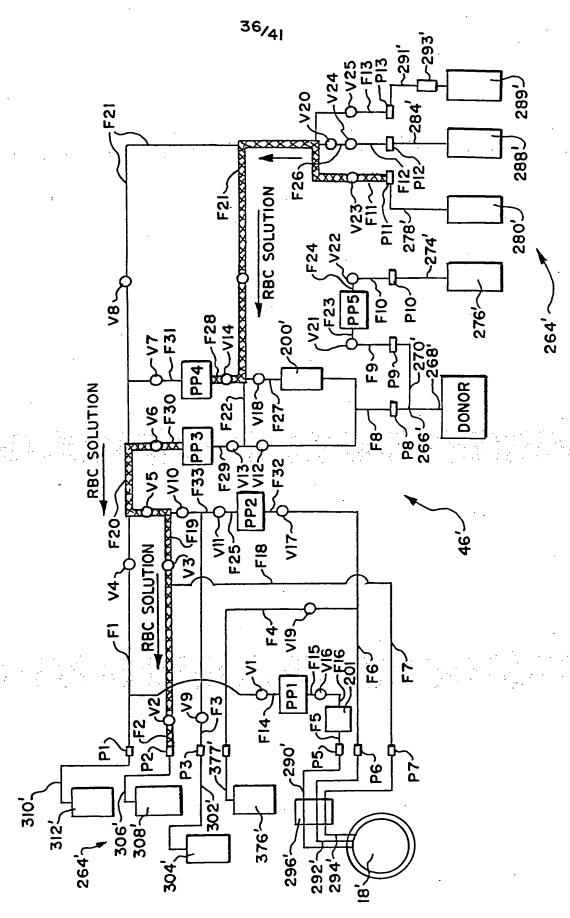


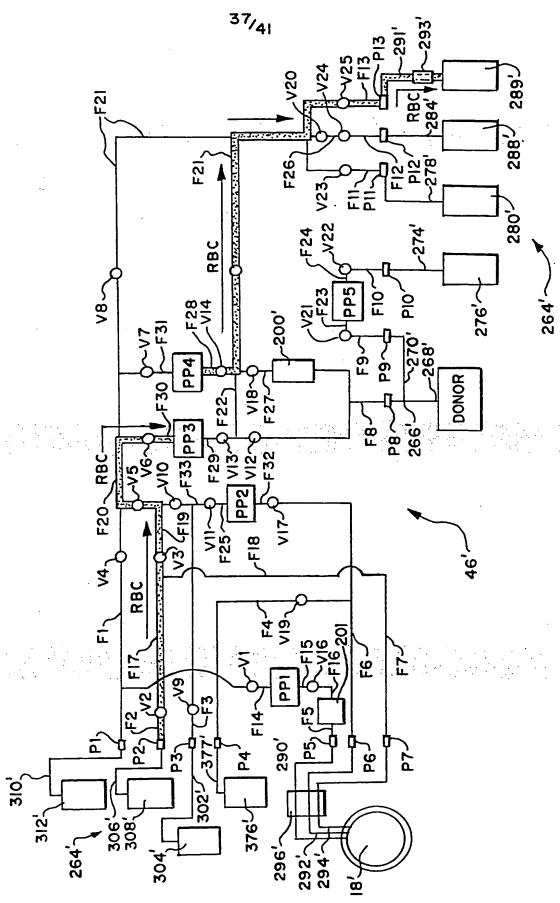


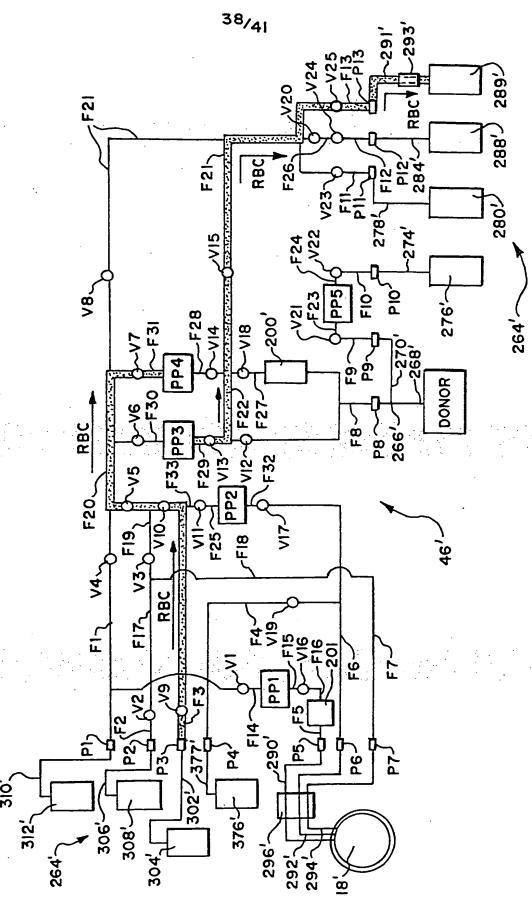


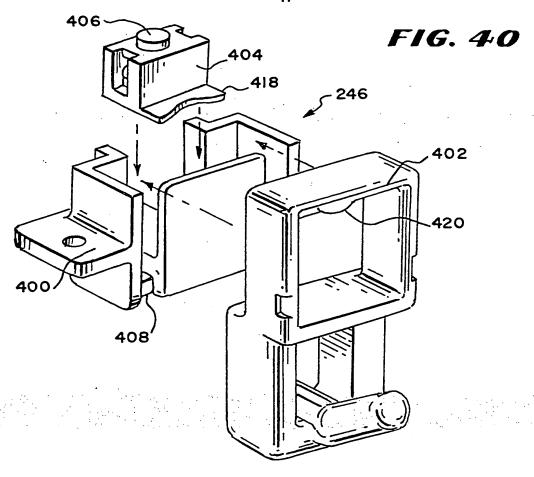












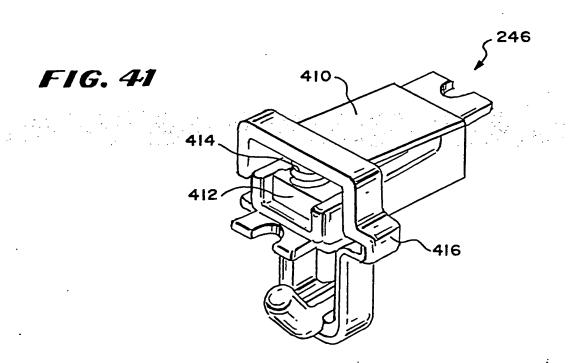


FIG. 42 PA1 TO PP4 194a 28 _194b -16 PP1 TO PP4 424 SOURCE 426 SENSOR CAPACITANCE SIGNALS DERIVE DERIVE SIGNAL DERIVATIVE VARIANCE FLOW RATE COMPARE OCCLUSION AIR ALARM ALARM ADJUST

